



Office of the Principal Scientific Adviser  
to the Government of India



**BCKIC**  
Bhubaneswar City  
Knowledge Innovation  
Cluster Foundation

# BCKIC Foundation Newsletter

Connect. Cooperate. Collaborate.

October  
2022



## ABOUT BHUBANESWAR CITY KNOWLEDGE INNOVATION CLUSTER FOUNDATION

Bhubaneswar City Knowledge Innovation Cluster (BCKIC) Foundation, is an initiative by the Office of the Principal Scientific Adviser to the Government of India. BCKIC Foundation seamlessly connects academic, industrial, corporate, and start-up ecosystems to create a Hub & Spoke Model, actively facilitating innovation, knowledge creation, and implementation of technologies for socio-economic benefits.

Our major thematic areas include - Biosciences, Polymer-based interventions, Quantum engineered advanced materials, Wetland management, Waste to Value, Food, and nutrition.



### Connect

Connect with multiple stakeholders. Industries, research institutes, incubators/accelerators, and governments to build and strengthen an inclusive regional science and technology ecosystem.



### Co-operate

Creating solutions through close cooperation, leveraging expertise from partner organizations that are reliable, effective, and sustainable for the current and future problems of the region.



### Collaborate

Collaborations for nurturing and driving translational research and innovation in Bhubaneswar that boosts economic and employment growth by creating a market for reliability and replicability across the state.

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## STRENGTHENING THE BIO-TECH ECOSYSTEM in EAST and NORTH-EAST

### Launch of Eastern and North Eastern Regional Chapter of ABLE



In collaboration with KIIT School of Biotechnology, KIIT Technology Business Incubator, and KIIT University, Bhubaneswar City Knowledge Innovation Cluster Foundation hosted the launch of the Eastern, and North Eastern Regional Chapter of ABLE - Association of Biotechnology Led Enterprises to accelerate the biotechnology sector's growth in the region and contribute to its expanding bioeconomy.

The event inauguration and the chapter launch ceremony was held in the presence of Mr. GS Krishnan, President, ABLE, Dr. PM Murali, Founder, and Chairman, Jananom Pvt. Ltd., Mr. Ravi Bhola, Patent Chair, K&S Partners, Mr. Narayanan Suresh, CEO, ABLE, Dr. Mrutyunjay Suar, Chairman, BCKIC Foundation and Dr. Prashant Singh, CEO, BCKIC Foundation.

This event highlighted insights into the Indian biotech industry and opportunities for students to learn and contribute to products for tomorrow through biotech startups. It also focused on the need and importance of the **ABLE Eastern Chapter Launch**, Intellectual Property Rights, and Biotech Regulations.

As part of its activities, the regional chapter will support startups with multiple opportunities, raise awareness of policies, encourage entrepreneurship and investment in the sector, forge stronger ties between academia and industry, highlight the strengths of the Indian biotech sector, and facilitate collaboration and partnership opportunities for both domestic and international companies.



## CREATING SHARED ECOSYSTEM

### BCKIC Foundation signs MoU with NISER, Bhubaneswar



BCKIC Foundation signed an MoU with the National Institute of Science Education and Research (NISER), Bhubaneswar, for the advancement of science, technology, and innovation infrastructure through various joint collaborations. It was signed in the presence of Dr. Sudhakar Panda, Director, NISER, Dr. Mrutyunjay Suar, Chairman, BCKIC Foundation, Dr. Prashant Singh, CEO, BCKIC Foundation and other faculties and scientists from NISER. The goal is to mutually complement and enhance the knowledge and innovation space to achieve translational impact. BCKIC Foundation will work extensively on identifying problems with its network of academia, industry, government, and startups, whereas the institutional expertise of NISER, Bhubaneswar shall provide a strong foundation for technology-driven innovation.

## INTERNATIONAL ENGAGEMENTS FOR AN IMPACT

### Hosting Delegation from Wales Government for STI Collaborations



BCKIC Foundation hosted distinguished delegates from Wales Government, United Kingdom, in an effort to enhance dialogue and action around sports and technology innovation for career advancement. The dialogue focused on multiple engagement opportunities through various connect programs including student and faculty exchange programs, joint degree programs, and incubator connect programs to foster interdisciplinary collaborations aimed at leveraging infrastructure and other facilitation by researchers and innovators from both nations.



The Wales team including Mr. Harish Lokhum from Global Wale, Ms. Divya Hegde, and Ms. Fiona Rodrigues, Senior Representative in India, interacted with startups from the region and highlighted available opportunities. The conversation further centered around the Men's Hockey World Cup 2023, to be held in Bhubaneswar, for which the Wales team is making its debut. BCKIC Foundation wishes them all success in their endeavours.





## STATE-LEVEL OPEN BOOT CAMP IN COLLABORATION WITH THE SCIENCE AND TECHNOLOGY DEPARTMENT, GOVERNMENT OF ODISHA

### Startups and Innovation: “Odisha Pitching cum Entrepreneurship (OPEN) Boot Camp 2022” - Grand Finale

BCKIC Foundation and KIIT-TBI, with generous support from and in association with the Science and Technology Department, Government of Odisha, as well as ecosystem partners, GNEPO, and Carleton University Innovation Hub, initiated the “Odisha Pitching cum Entrepreneurship (OPEN) Boot Camp”. An outreach program covering 15 cities in the state was undertaken to scout innovative ideas from innovators across Odisha. The program received 345 innovative ideas, of which 50 were shortlisted. A cohort of 15 startups/innovators was selected through pitching to attend the boot camp for intensive strategic mentoring. On Demo Day, which was the final leg of the Boot Camp, a Pitch to Jury event was held to showcase ideas for the competition round.

The top 5 innovations were selected and awarded at the Grand Finale of the OPEN Boot Camp 2022, and all 15 innovators received 6-months of incubation support from KIIT-TBI. The event was graced by the presence of Shri Ashok Chandra Panda, Hon'ble Cabinet Minister, S&T Department, Govt. of Odisha, Smt. Puja Mishra, Joint Secretary, S&T Department, Govt. of Odisha, Shri Laxminarayan Padhi, Senior Scientist, Science & Technology Department, Govt. of Odisha.



## Top 5 Innovations -

INNOVATION	SECTOR	INNOVATOR	COLLEGE/UNIVERSITY
Glaucoma Optic Neuropathy Screening Kit	Healthcare	Arjesh Roy Choudhury	KIIT University, Bhubaneswar
Tribal Media & Digital Marketing	Media & Digital	Bikram Biruli	KISS University, Bhubaneswar
Know your food: With quick detection of adulteration and an alternative solution	Healthcare	Adreeta Chatterjee	K.K.S Women's College, Balasore,
OraLNeMa: Respiro-friendly Mosquito Repellents	Waste to Wealth	Banismita Tripathy, Sudeshna Day	Rama Devi Women's University, Bhubaneswar
An immuno-filter-disc based point-of-care device for diagnosis of cystitis from urine samples	Healthcare	Archita Lenka	Berhampur University, Brahmapur

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